



# References

As of 14 January 2020

## everStick™ Fibre-reinforced Restoratives



**'CC.'**

1. Hydrothermal and Mechanical Stresses Degrade Fiber-Matrix Interfacial Bond Strength in Dental Fiber-Reinforced Composites. S. Bouillaguet, A. Schütt, P. Alander, P. Schwaller, G. Buerki, J. Michler, M. Cattani-Lorente, P.K. Vallittu, I. Krejci. *Journal of Biomedical Material Research Part B*, Wiley, 2006, pp.98-105.
2. Depth of Light-Initiated Polymerization of Glass Fiber-Reinforced Composite in a Simulated Root Canal. A.M. Le Bell, J. Tanner, L.V.J. Lassila, I. Kangasniemi, P.K. Vallittu. *The International Journal of Prosthodontics*, Volume 16, No 4, 2003, pp. 404-408.
3. Evaluation of Some Properties of Two Fiber-Reinforced Composite Materials. L.V.J. Lassila, A. Tezvergil, M. Lahdenpera, P. Alander, A. Shinya, A. Shinya & P.K. Vallittu. *Acta Odontologica Scandinavica*, 2005, No 63, pp.196-204
4. Effect of Glass-Fiber Reinforcement and Water Storage on Fracture Toughness ( $K_{IC}$ ) of Polymer-based Provisional Crown and FPD Materials. S.H. Kim, D.C. Watts. *The International Journal of Prosthodontics*, Volume 17, No 3, pp. 318-322, 2004.
5. The influence of Short-term Water Storage on the Flexural Properties of unidirectional Glass Fiber-Reinforced Composites. L.V.J. Lassila, T. Nohrström, P.K. Vallittu. *Biomaterials* 23 (2002), pp. 2221-2229.
6. Analysis of the Interdiffusion of Resin Monomers Into Pre-Polymerized Fiber-Reinforced Composites. D. Wolff, S. Geiger, P. Ding, H.J. Staehle, C. Frese. *Dental Materials* 28 (2012), pp.541-547.
7. Inlay-retained FRC Restorations on Abutments with Existing Restorations: 6-Year Results. M. Özcan. Abstract 106 – IADR Barcelona 2010.
8. ----COPYRIGHT----  
Fiber-Reinforced Composite Fixed Dental Prostheses: A Retrospective Clinical Evaluation. D. Wolff, C. Schach, T. Kraus, T. Ding, M. Pritsch, J. Mente, D. Joerss, H.J. Staehle. *The Journal of Adhesive Dentistry*, Volume 12, No 4, 2010.
9. Tooth Replacement in the Primary and Mixed Dentition Using Adhesive Fiber-Reinforced Composite Bridges: Case Reports. M. Peumans, F. Vinckier. *Biomat – Leuven Research Cluster*, Dubrovnic, 2012.
10. Fracture Resistance of Direct Inlay-retained Adhesive Bridges: Effect of Pontic Material and Occlusal Morphology. M. Özcan, M. Breuklander, E. Salihoglu-Yener. *Dental Materials Journal*, Volume 31, No 4, pp.514-522, 2012.
11. The Evaluation of Flexural Strength of Two Composite Resin Materials. M. Gündogdu, D. Kurklu, N. Yanikoglu, E. Kul. Abstract 2738 – IADR Brazil 2012
12. Penetration of Bonding resins into Fibre-reinforced Composite Posts: a Confocal Microscopic Study. F. Mannocci, M.Sherriff, T.F. Watson, P.K. Vallittu. *International Endodontic Journal*, 2005, Volume 38: 46–51.
13. Adsorption of parotid saliva proteins and adhesion of *Streptococcus mutans* ATCC 21752 to dental fiber-reinforced composites. J. Tanner, A. Carlén, E. Söderling P.K. Vallittu. *Journal of Biomedical Materials Research, Part B Applied Biomaterials*, July 2003, Volume 15;66(1):391-8
14. Early Plaque Formation on Fibre-reinforced Composites In Vivo. J. Tanner, C. Robinson E. Söderling P.K. Vallittu. *Clinical Oral Investigation*, September 2005, 9(3):154-60.
15. Microtensile bond strength of fiber-reinforced composite with semi-interpenetrating polymer matrix to dentin, using various bonding systems. A. Tezvergil-Mutluay, L.V. Lassila P.K. Vallittu. *Dental Material Journal*, November 2008, 27(6):821-6.

16. Shear modulus of 5 flowable composites to the EverStick Ortho fiber-reinforced composite retainer: an in-vitro study. L. Brauchli, S. Pintus, M. Steineck, H. Lüthy, A. Wichelhaus. *American Journal of Orthodontics & Dentofacial Orthopedics*, January 2009, 135(1):54-8.
17. Microtensile bond strength of glass fiber posts cemented with self-adhesive and self-etching resin cements. S. Zaitter, M.D. Sousa-Neto, R.C. Roperto, Y.T. Silva-Sousa, O. El-Mowafy. *Journal of Adhesive Dentistry*, February 2011, 13(1):55-9.
18. Flexural properties of fiber-reinforced root canal posts. L.V.J. Lassila, J. Tanner, A.M. Le Bell, K. Narva, P.K. Vallittu. *Dental Materials*, 2004, 20: 29-36.
19. Clinical evaluation of fiber-reinforced fixed bridges. M.A. Freilich, J.C. Meiers, J.P. Duncan, K.A. Eckrote, A.J. Goldberg. *Journal of American Dental Association*, 2002, Volume 133: 1524-1534.
20. The span length and cross-sectional design affect values of strength. P. Alander, L.V.J. Lassila, P.K. Vallittu. *Dental Materials*, 2005; Volume 21:347-353.
21. Strength of adhesive-bonded fibre-reinforced composites to enamel and dentin substrates. A. Tezvergil, L.V.J. Lassila, P.K. Vallittu. *Journal of Adhesive Dentistry*, 2003, Volume 5: 301-311
22. Adherence of *Candida albicans* to surface of polymethylmethacrylate-E-glass fibre composite used in dentures. T. Waltimo, J. Tanner, P.K. Vallittu, M. Haapasalo. *International Journal of Prosthodontics*, 1999, Volume 12: 83-86.
23. Effect of a New Resin Matrix System on Fiber-Reinforced Composites. S. Sunarintyas, W. Siswomihardjo, W. Martosudjijo, D. Irnawati, M. Zhang, J.P. Matinlinna. Abstract 289 – IADR Finland 2012
24. Biomechanical Properties of a New Fiber-Reinforced Composite. W. Siswomihardjo, W. Martosudjijo, D. Irnawati, M. Zhang, J.P. Matinlinna. Abstract 290 – IADR Finland 2012
25. Load-Bearing Capacity of Fiber-Reinforced Fixed Dental Prostheses with CAD/CAM pontic. L. Perea, J. Matinlinna, L. Lassila, P. Vallittu. Abstract 393 – IADR Finland 2012
26. Influence of Cement-Filler Load on Radiopacity of Non-Metal Posts. C. Goracci, R. Schiavetti, A. Giovannetti, P. Mainieri, A. Vichi, M. Ferrari. Abstract 396 – IADR Finland 2012.
27. – COPYRIGHT--  
Static and Dynamic Failure Load of Fiber-Reinforced Composites and Particulate Filler Composite Cantilever Resin-Bonded Fixed Dental Prostheses.  
F. Keulemans, A. Van Dalen, C.J. Kleverlaan, A.J. Feilzer.  
*Journal of adhesive dentistry*, 2010, 12, 8 pages
28. Fiber-reinforced Fixed Dental Prostheses: Pontic of Various Materials and Thicknesses. L. Perea<sup>1</sup>, J.P. Matinlinna<sup>2</sup>, L. Lassila<sup>1</sup>, P.K. Vallittu<sup>1</sup>. Abstract 0538 – IADR Seattle 2013.
29. Fatigue resistance of endodontically treated teeth restored with metal-free posts. R. Seseogullari-Dirihan<sup>1</sup>, M. Yahyazadehfar<sup>2</sup>, M.M. Mutuluay<sup>1</sup>, H. Maid<sup>2</sup>, H. Ryou<sup>2</sup>, D. Arola<sup>2</sup>, A/ Tezvergil-Mutluay<sup>1</sup>. Abstract 2342 – IADR Seattle 2013.
30. Short fiber-reinforced Composite in Restoring Severely Damaged Incisors.  
J. Bijelic, S. Garoushi, P.K. Vallittu, L.V.J. Lassila. *Acta Odontologica Scandinavia*, 2013, Early Online, 1-11
31. Repair bond strength of fibre reinforced composites in vitro. D. Wolff, C. Decker, J. Rebholz, C. Frese. University Hospital Heidelberg.
32. Two-Year evaluation of direct fiber reinforced composite FPD. M. Romero, H. Rodriguez, A. Delanzo-Savu, A. Jabeen, R. Cacciato, M. Yunker, Y.F. Ren, H. Malmström. University of Rochester Eastman Institute for Oral Health, Rochester, NY, USA
33. Fatigue Resistance of Resin-Bonded Post-Core-Crown Treated Teeth with Flared Root Canal. Xie, Wu, Liu, Vallittu. *Journal of Adhesion Science and Technology*, Volume 23, Numbers 7-8, 2009, pp. 1113-1124(12)
34. Microtensile bond strength of resin-post interfaces created with interpenetrating polymer network posts or cross-linked posts. Mannocci, Machmouridou, Watson, Sauro, Sherriff, Pilecki, Pitt-Ford. *Med Oral Patol Oral Cir Bucal*. 2008 Nov 1;13(11):E745-52.
35. Effect of silanization on bond strengths of fiber posts to various resin cements. Bitter, Noetzel, Neumann, Kielbassa. *Quintessence International* February 2007 Volume 38, Issue 2

36. Flexural strengths of fiber-reinforced composites polymerized with conventional light-curing and additional postcuring. Cacciafesta, Sfondrini, Lena, Scribante, Vallittu & Lassila. 2007: American Journal of Orthodontics and Dentofacial Orthopedics 132(4): 524-527.
37. A structured analysis of in vitro failure loads and failure modes of fiber, metal, and ceramic post-and-core systems. Fokkinga, Kreulen, Vallittu. Int J Prosthodont 2004; 17: 476-482.
38. Continuous and short fiber reinforced composite in root post-core system of severely damaged incisors. Garoushi, Vallittu & Lassila— 2009: Open Dentistry Journal 3: 36-41. [C]
39. Kuitulujitteinen muovi juurikanava-ankkuroinnissa. (Summary in English included : Fibre-reinforced composites as root canal posts.). Le Bell-Rönnlöf, A.-M. 2008: Suomen Hammaslääkärilehti 2: 28-29. [f]  
No PDF - Digipaper at: <http://www.digipaper.fi/hammaslaakarilehti/89018/>
40. Bonding of fibre-reinforced composite post to root canal dentin. Le Bell, Lassila, Kangasniemi, & Vallittu. 2005: - Journal of Dentistry 33(7): 533-539
41. Bonding of composite resin luting cement to fiber-reinforced composite root canal posts. Le Bell, Tanner, Lassila, Kangasniemi, Vallittu. J Adhes Dent 2004; 6: 319-325.
42. Post it? Reconstruction of the endodontically treated tooth. Fokkinga W. Academic dissertation. Radaboud University Nijmegen. Nijmegen 2007, The NETHERLANDS. ISBN:978-90-9021726-0.
43. Fibre-reinforced composites as root canal posts. Le Bell Rönnlöf A-M. Academic dissertation. University of Turku, ser D - Tom 780. Turku 2007, FINLAND. ISBN: 978-951-29-3427-0 (Print), ISBN: 978-951-29-3428-7 (PDF)  
<https://oa.doria.fi/bitstream/handle/10024/33576/D780.pdf?sequence=1>
44. The effect of glass fiber reinforcement on the fracture resistance of a provisional fixed partial denture. Vallittu PK. The Journal of Prosthetic Dentistry, February 1998, pp.125-130
45. Use of woven glass fibres to reinforce a composite veneer. A fracture resistance and acoustic emission study. Vallittu PK. Journal of Oral Rehabilitation 2002 29; 423-429
46. Load-bearing capacity of fibre-reinforced and particulate filler composite resin combination. Garoushi S, Lassila LVJ, Tezvergil A, Vallittu PK. Journal of Dentistry (2006) 34; 179-184
47. Original and repair bond strength of fiber-reinforced composites in vitro. C. Frese, C. Decker, J. Rebholz, K. Stucke, H. J. Staehle, D. Wolff. Dental materials (2014).
48. Pilot study of unidirectional E-glass fibre-reinforced composite resin splints: Up to 4.5-year clinical follow-up. O. Kumbuloglu, A. Saracoglu, M. Özcan. Journal of dentistry 39 (2011). 871-877
49. Effect of Cementation Technique of Individually Formed Fiber-Reinforced Composite Post on Bond Strength and Microleakage. D. Makarewicz, A. B. Le Bell-Rönnlöf, L. V.J. Lassila and P.K. Vallittu. The Open Dentistry Journal, 2013, 7, 68-75
50. Bonding Fiber- Reinforced Lingual Retainers with Color-Reactivating Flowable Composite. M. Geserick, J. Ball and A. Wichelhaus. Journal of Clinical Orthodontics, October 2004, pp. 560-562
51. A two-step technique to fabricate a glass fiber-reinforced composite interim removable partial denture: Case report. A.M. El-Sheikh and A. Ellakwa. International Journal of Medical and Dental Case Reports, 2014
52. Glass fibre reinforced acrylic resin complete dentures: a 5-year clinical study. L.M.Goguta, D. Bratu, A. Jivanescu, R. Erimescu, C. Marcauteanu. Gerodontology 2011; doi: 10.1111/j.1741-2358.2010.00385.x
53. High-aspect ratio fillers: fiber-reinforced composites and their anisotropic properties. P.K. Vallittu. Dental Materials, 31 (2015), pp. 1-7.
54. Fracture strength of cusp-replacing fibre-strengthened composite restorations. HJ Visser, PD Brandt, FA de Wet. SADJ June 2014, Vol 69 no 5, pp. 202-207.
55. An advancement in fiber reinforcement for restorative dentistry. R.A. Lowe. Inside Dentistry, April 2015, pp. 2-4.

56. Clinical survival of indirect, anterior 3-unit surface-retained fibre-reinforced composite fixed dental prosthesis: Up to 7.5-years follow-up. Kumbuloglu O., Özcan M. *Journal of Dentistry* 43 (2015) 656–663
57. The effect of a fiber reinforced cavity configuration on load bearing capacity and failure mode of endodontically treated molars restored with CAD/CAM resin composite overlay restorations. G.T. Rocca, C.M. Saratti, M. Cattani-Lorente, A.J. Feilzer, S. Scherrer & I. Krejci. *Journal of Dentistry* (2015), pp. 1-10.
58. Load bearing capacity of fibre-reinforced and particulate filler composite resin combination. S. Garoushi, L.V.J. Lassila, A. Tezvergil & P.K. Vallittu. *Journal of Dentistry* (2006) 34, pp. 179-184.
59. Static and fatigue compression test for particulate filler composite resin with fiber-reinforced composite substructure. S. Garoushi, L.V.J. Lassila, A. Tezvergil & P.K. Vallittu. *Dental Materials* (2007) 23, pp. 17-23.
60. Success, clinical performance and patient satisfaction of direct fibre-reinforced composite fixed partial dentures – a two-year clinical study. H. Malmstrom, A. Dallanzo-Savu, J. Xiao, C. Feng, A. Jabeen, M. Romero, J. Huang, Y. Ren & M. A. Yunker. *Journal of Oral Rehabilitation* 2015 doi: 10.1111/joor.12327
61. Comparison of load-bearing capacity of direct resin-bonded fiber-reinforced composite FPDs with four framework designs. Q. Xie, L. Lassila, P. Vallittu. *Journal of Dentistry* 35 (2007), 578-582
62. The influence of FRCs reinforcement on marginal adaptation of CAD/CAM composite resin endocrowns after simulated fatigue loading. G.T. Rocca, C.M. Saratti, A. Poncet, A.J. Feilzer, I. Krejci. *Odontology*. 2015 Apr 9.
63. Harmonization du sourire post-orthodontique par restaurations adhesives esthétiques. B. Goyat-Longlet, A. Costenoble, E. Savard & C. Gaucher. *Clinic*, 2016(37), pp. 229-238.
64. Direct composite resin crown fabrication on a custom formed root canal post – EverStick®POST. V. Vilkinis, J. Zilinskas. *Stomatologija, Baltic Dental and Maxillofacial Journal*, 18: xx-xx, 2016
65. In vitro fracture resistance of endodontically treated premolar teeth restored with a direct layered fiber-reinforced composite post and core. A. Forster, T. Sáry, G. Braunitzer, M. Fráter. *Journal of Adhesion Science and Technology*, 2016.  
<http://dx.doi.org/10.1080/01694243.2016.1259758>
66. Fiber-reinforced composites in fixed prosthodontics—Quo vadis? P.K. Vallittu et al. *Dent Mater* (2017), <http://dx.doi.org/10.1016/j.dental.2017.05.001>
67. Scribante, A., Gandini, P., Tessera, P., Vallittu, P., Lassila, L. & Sfondrini, M.F. (2017). Spot-Bonding and Full-Bonding Techniques for Fiber Reinforced Composite (FRC) and Metallic Retainers. *International Journal of Molecular Sciences*. Vol. 18 – 2096. Doi:10.3390/ijms18102096.
68. Sfondrini, M.F., Gandini, P., Tessera, P., Vallittu, P.K., Lassila, L. & Scribante, A. (2017). Bending Properties of Fiber-Reinforced Composites Retainers Bonded with Spot-Composite Coverage. *BioMed Research International*. <https://doi.org/10.1155/2017/8469090>
69. Comparative evaluation between glass and polyethylene fiber reinforced composites: A review of the current literature. Mangoush, E., Säilynoja, E., Prinssi, R., Lassila, L., Vallittu, P., K., & Garoushi, S. (2017). *Journal of Clinical Exp. Dentistry*. Doi.: 10.4317/jced.54205.
70. In vitro retention of prefabricated and individually formed posts: A pilot study. I. Parcina Amizic, I. Miletic, A. Baraba, Y. Fan, D. Nathanson. *The Journal of Prosthetic Dentistry* 2018
71. Fiber-reinforced composite fixed dental prostheses: Two clinical reports. M. Zarow, C.S.Paisley, J.Krupinski, P.A. Brunton. *Quintessence Int* 2010;41:471-477
72. Fracture behaviour of MOD restorations reinforced by various fibre reinforced techniques – An in vitro study. T. Sáry, S. Garoushi, G. Braunitzer, D. Alleman, A. Volom, M. Fráter. *Journal of the Mechanical Behavior of Biomedical Materials* 98 (2019) 348–356
73. Influence of Monomer Systems on the Bond Strength Between Resin Composites and Polymerized Fiber-Reinforced Composite upon Aging. A.A. Khan, B.A. Mohamed, S. Saleh Al-Shamrani, R. Ramakrishnaiah, L. Perea-Lowery, E. Säilynoja, P.K. Vallittu. *The Journal of Adhesive Dentistry*, Vol 21, No 6, 2019

## Articles in Dental magazines

1. S'y coller c'est adhérer! Dr D. Estrade. Dental Tribune Édition Française | Octobre 2013 – p.15
2. Fibres are changing dentistry. Prof Vallittu. GC Get Connected #1, pp.16-19 (2013)
3. « My favourite case » section of Private Dentistry (January 2014). Ashish B. Parmar. *Mentioning everStick C&B and GC Composites*
4. "Restoring balance", Ashish Parmar, The Dentist November 2012, pp. 80-84  
Mentioning everStick C&B and G-aenial
5. "Fibres (un)limited". Prof Filip Keulemans. GC Get Connected #2 pp. 8-14, 2014
6. Puente adhesivo con base de fibras de vidrio con todas sus variantes tiene hoy en día mucha importancia para el odontólogo clínico rehabilitador. Dr. Moisés Fleitman. GD Informe (October 2014). 202-212.
7. Fracturas en las restauraciones en la zona incisal. Aplicación de composites reforzados con mallas de fibras de vidrio. Dr. Moisés Fleitman. Maxillaris, juli 2014, pp. 144-155.
8. A conservative post-orthodontic solution for restoring missing lateral incisors. R.A. Lowe. DPS, August (2015), pp. 4A-7A.
9. Koraki v pravo smer. Barbara, A. Dental Tribune, Slovenian Edition 1(6), Februar 2015, pp. 1-3.
10. Les contentions esthétiques collées en méthode directe: de la théorie à la clinique. L. Dahan. AO NEWS #006, pp. 20-21.
11. Les composites renforcés de fibres de verre. C. Frese. BioMatériaux Cliniques, Vol. 1 – n°2 octobre 2016, pp. 68-74.